

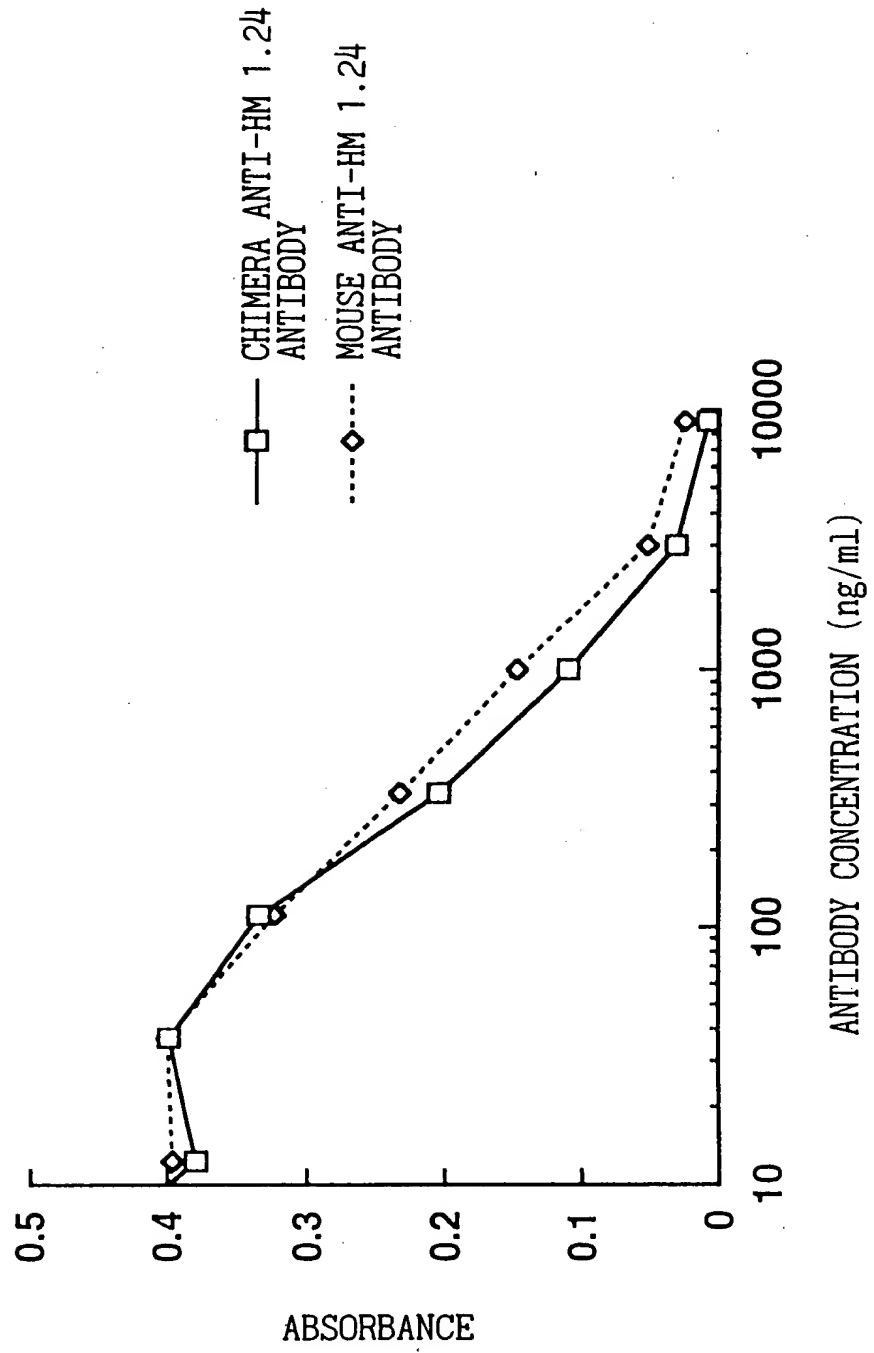
002220" 86060560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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Fig.2

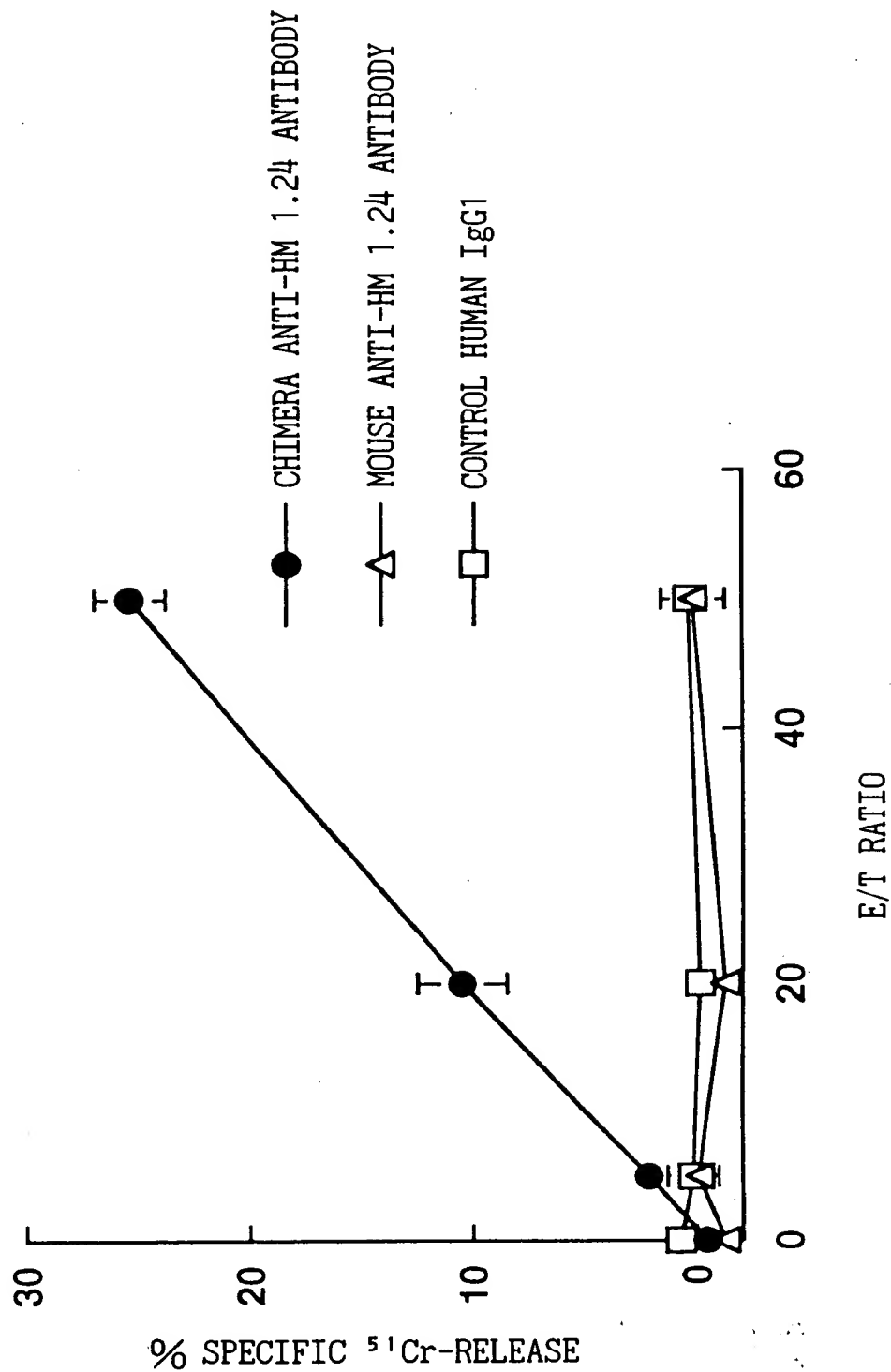


0000 2444 9.0 0000 2444 9.0

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

002220" 86060560

Fig.3



APPROVED	0.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

Fig.4

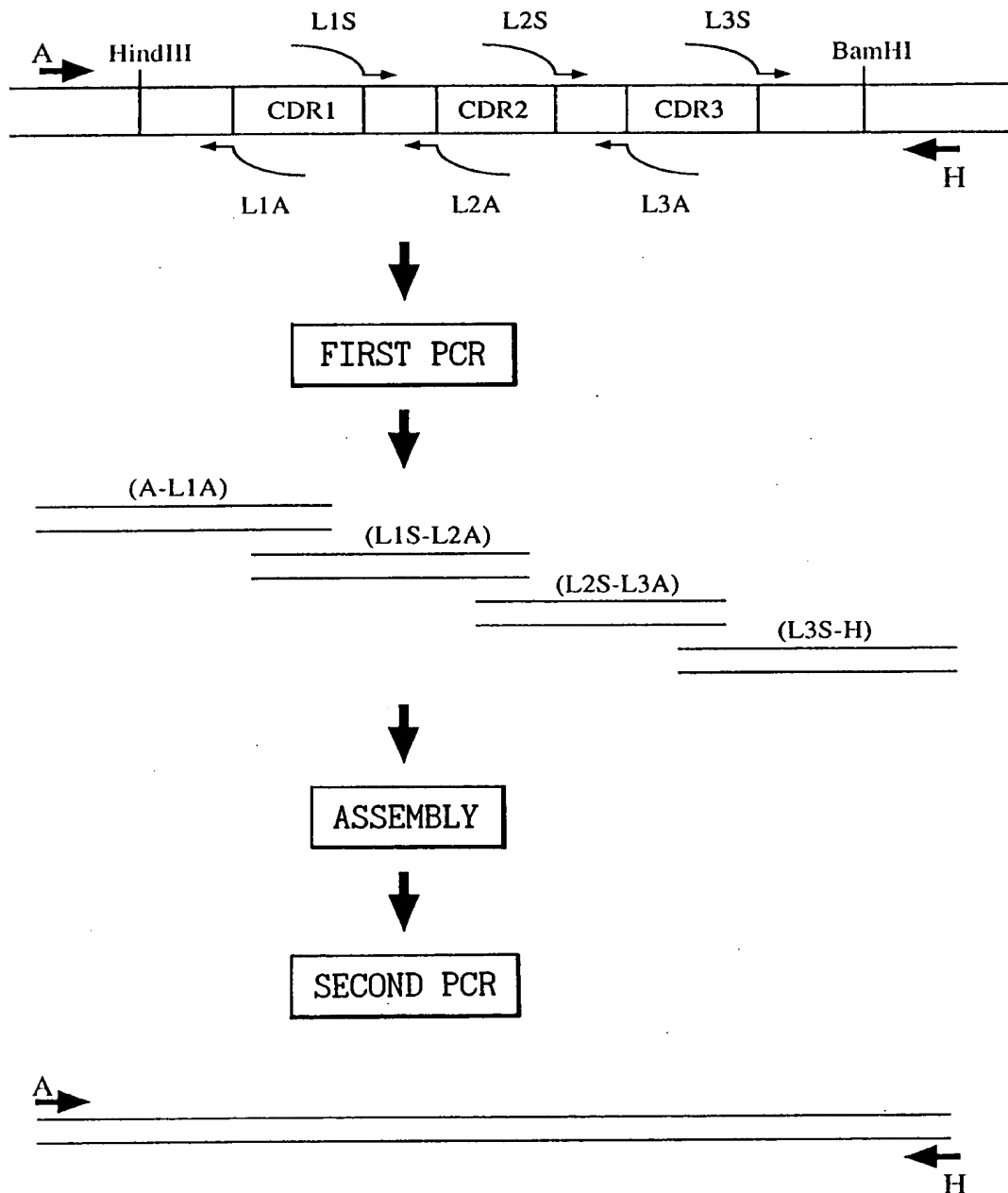
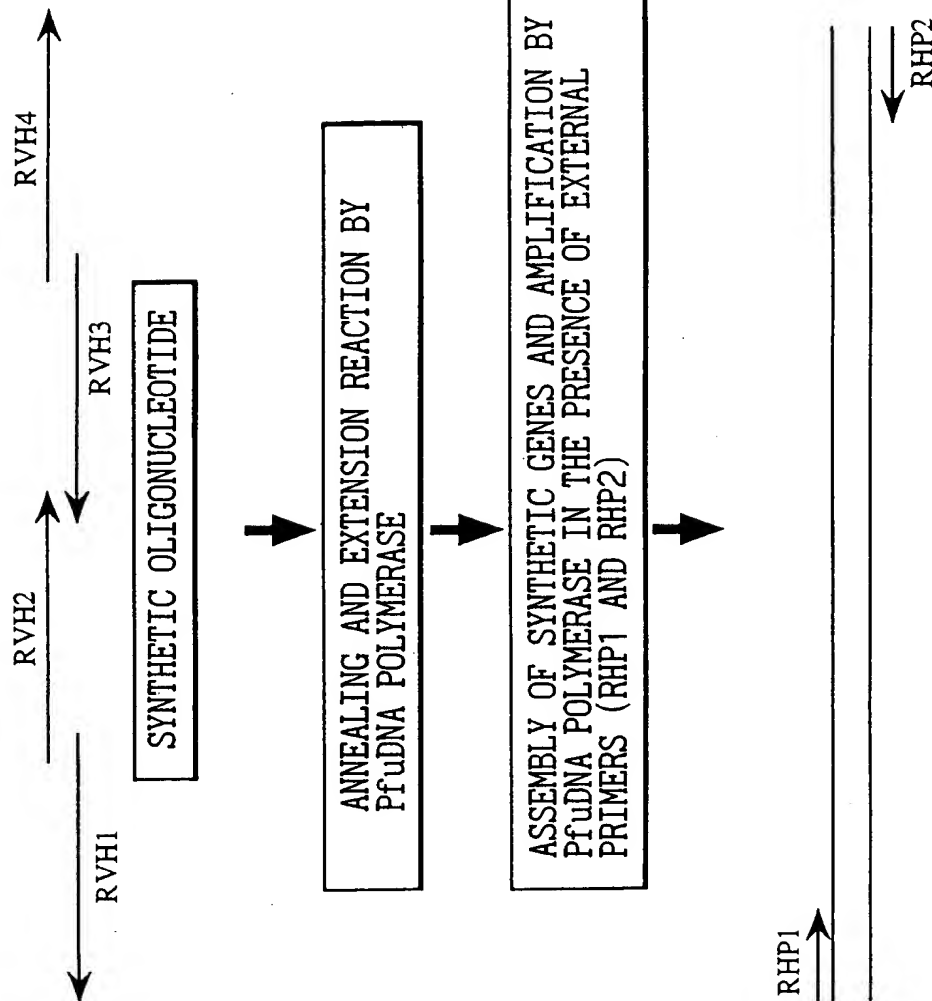


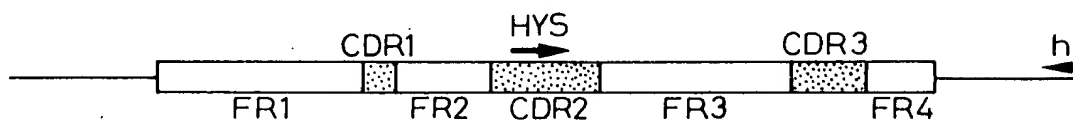
Fig.5



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.6

V REGION OF THE MOUSE ANTI-HM 1.24 ANTIBODY



V REGION OF THE H CHAIN OF THE RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY VERSION "a"



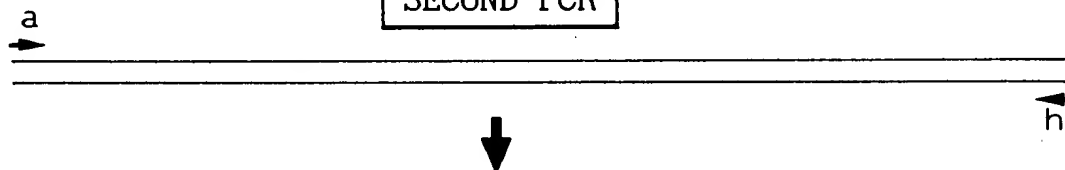
FIRST PCR

(a-HYA)

(HYS-h)

ASSEMBLY

SECOND PCR



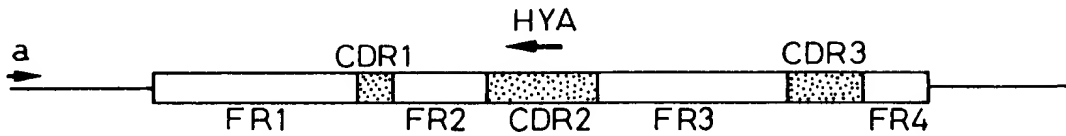
V REGION OF H CHAIN OF HUMAN MOUSE HYBRID



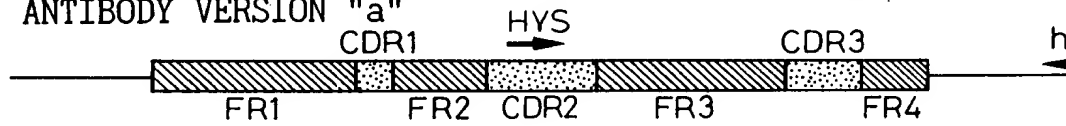
09/509098

Fig.7

V REGION OF THE MOUSE ANTI-HM 1.24 ANTIBODY



V REGION OF THE H CHAIN OF THE RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY VERSION "a"



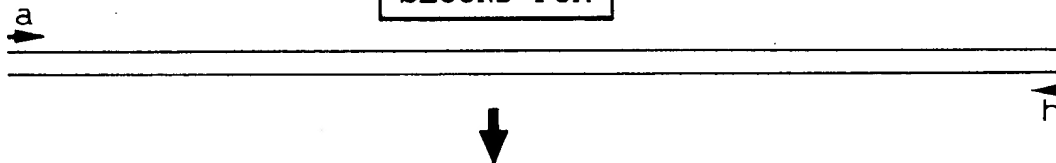
FIRST PCR

(a-HYA)

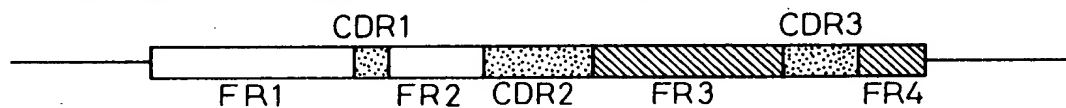
(HYS-h)

ASSEMBLY

SECOND PCR



V REGION OF H CHAIN OF MOUSE HUMAN HYBRID



APPROVED BY DRAFTSMAN
O.G. FIG. CLASS SUBCLASS

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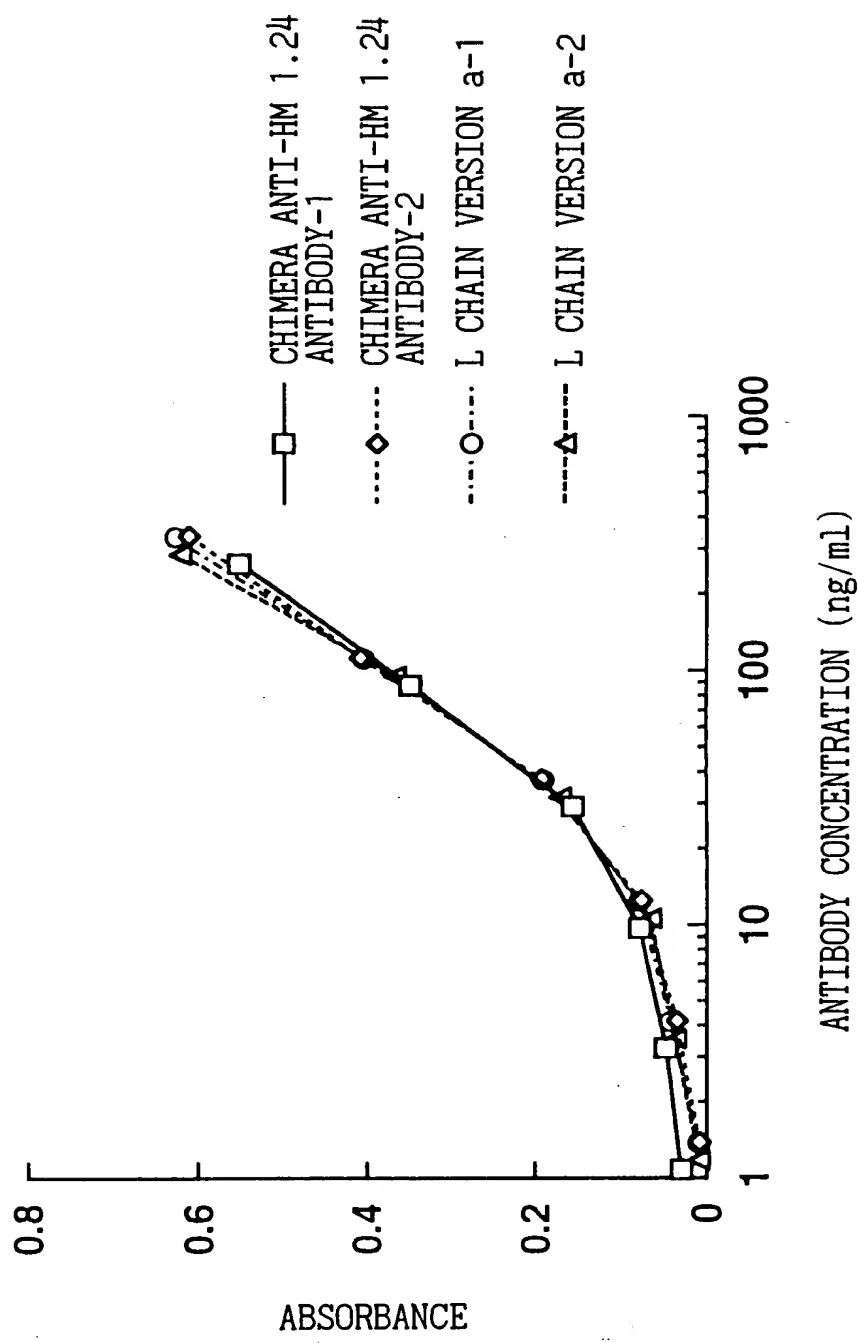
002220" 86060560

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003 946 00 0071477- 07

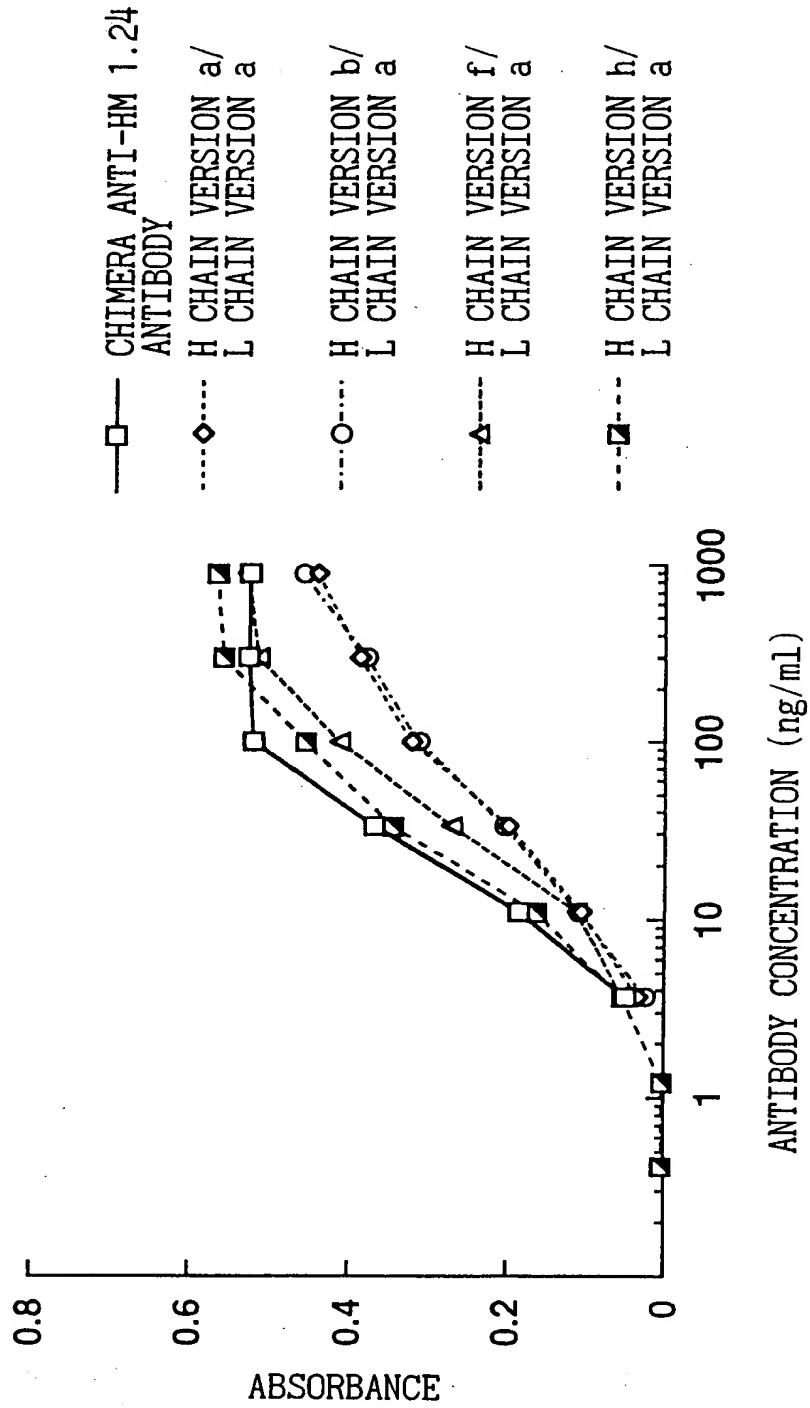
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.8



APPROVED	O.G.FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.9



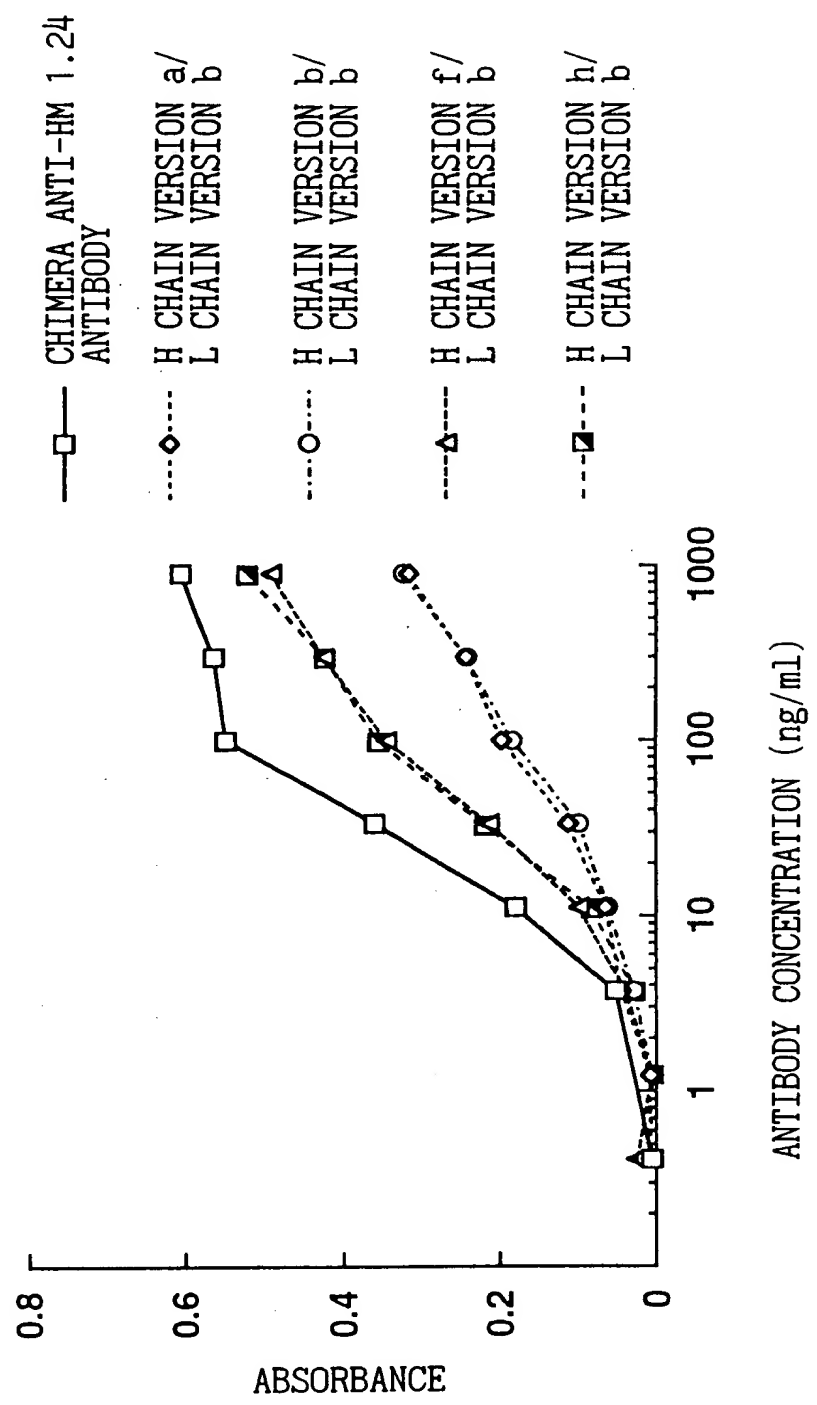
0008 1001 2 9 000000000000

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

0022220" 86060560

Fig.10



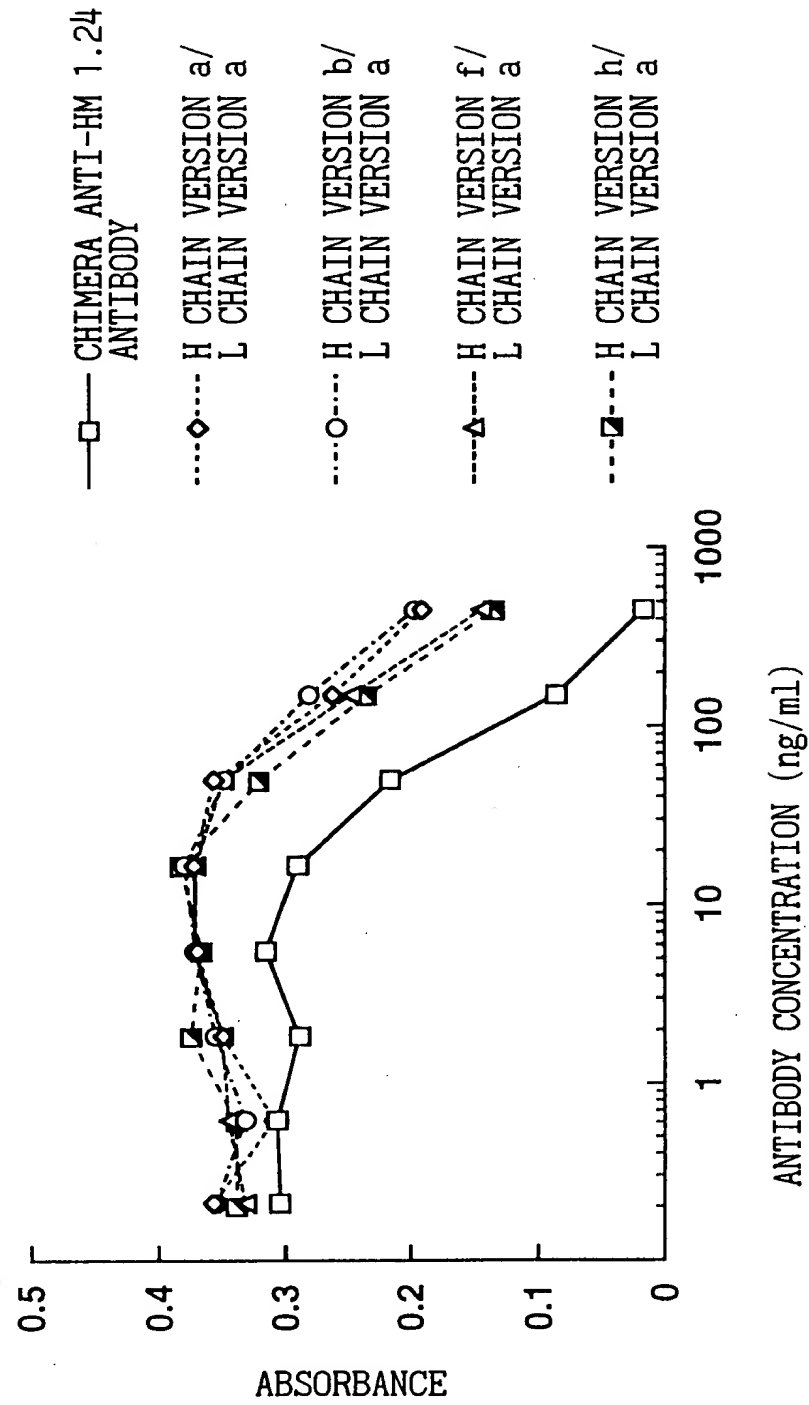
000-300 0 0 10/10/00

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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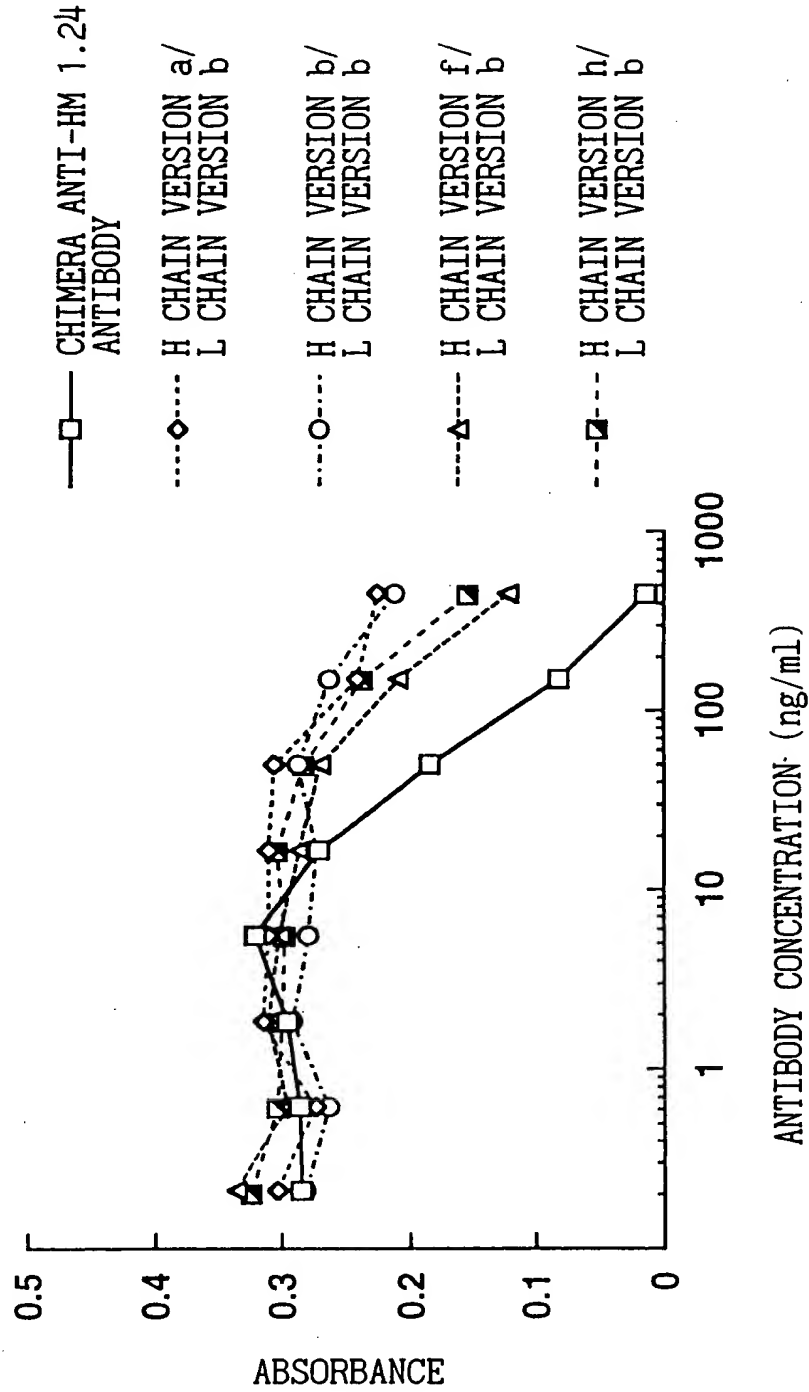
Fig.11



APPROVED	0.6. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

09/509098

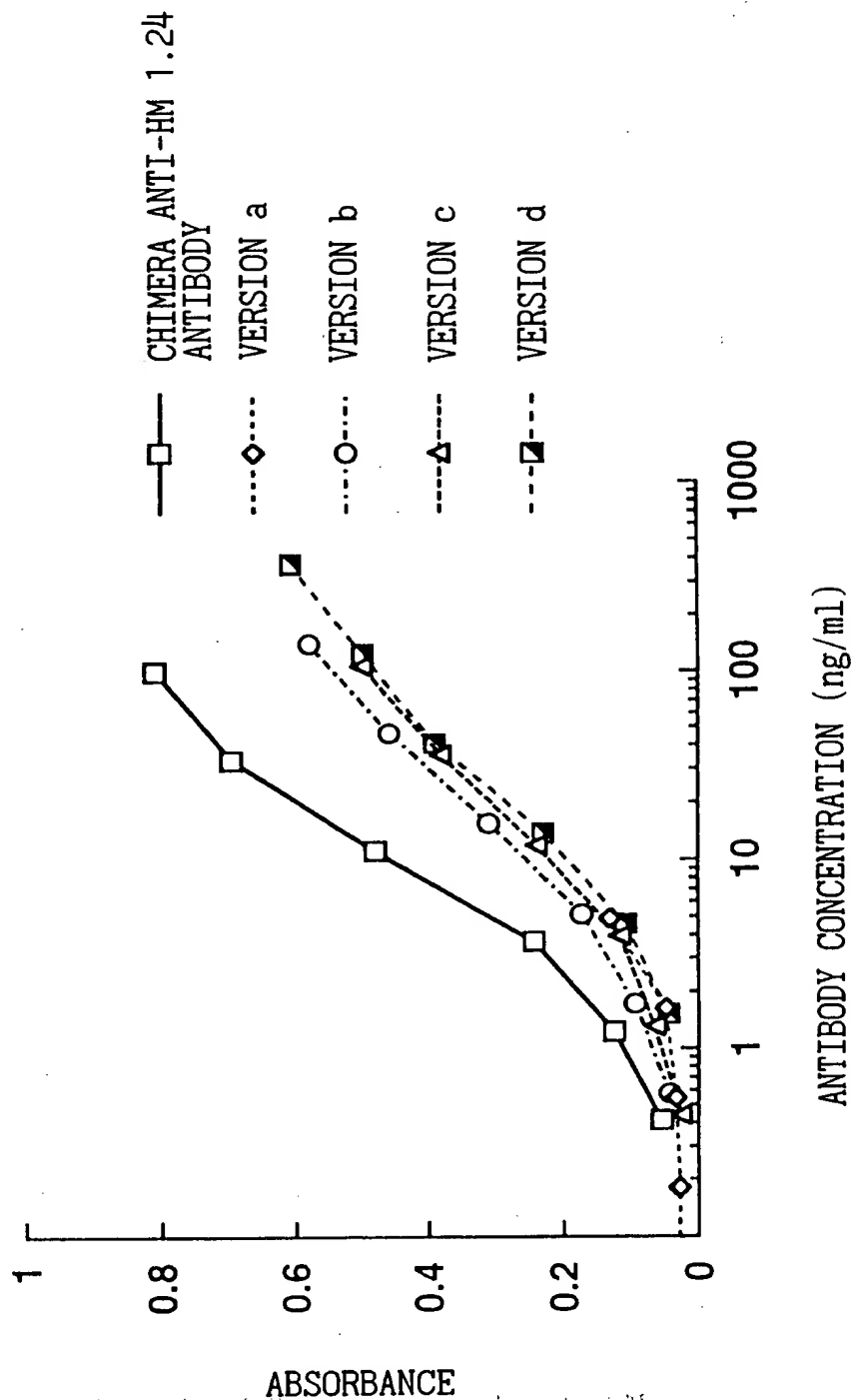
Fig.12



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.13

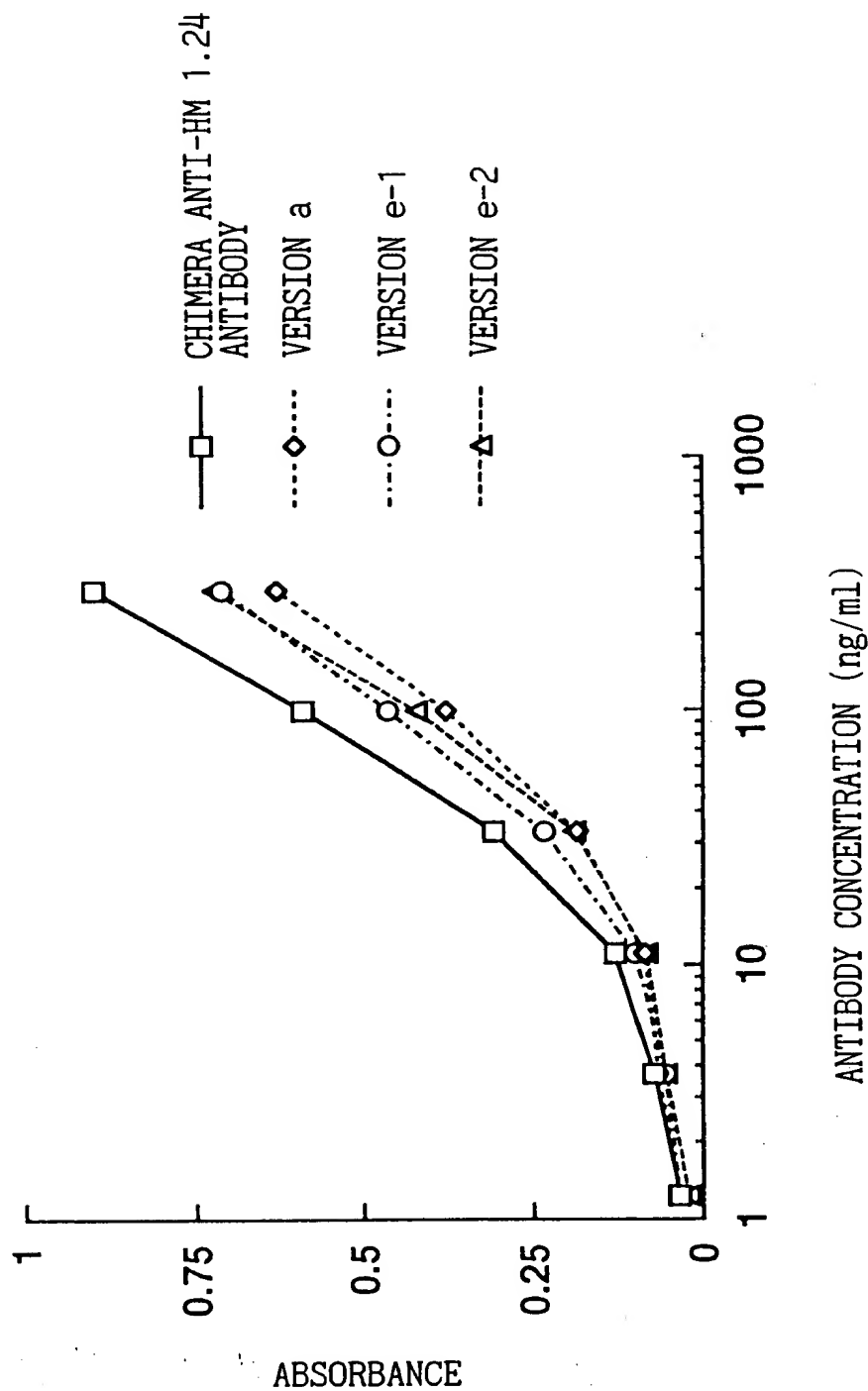


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APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

SECRET

Fig. 14



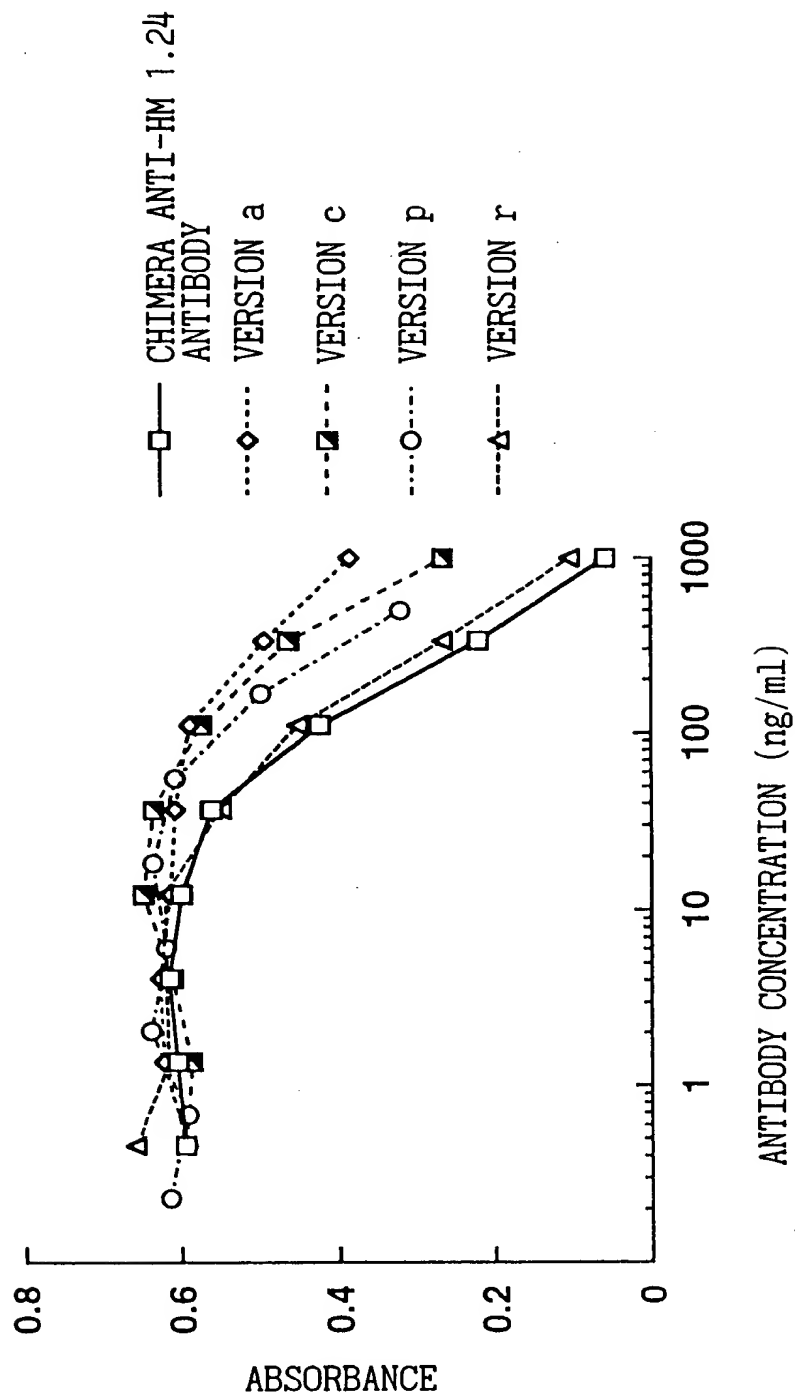
002220" 86060560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSHAH		

002220" 86060560

09/509098

Fig.15

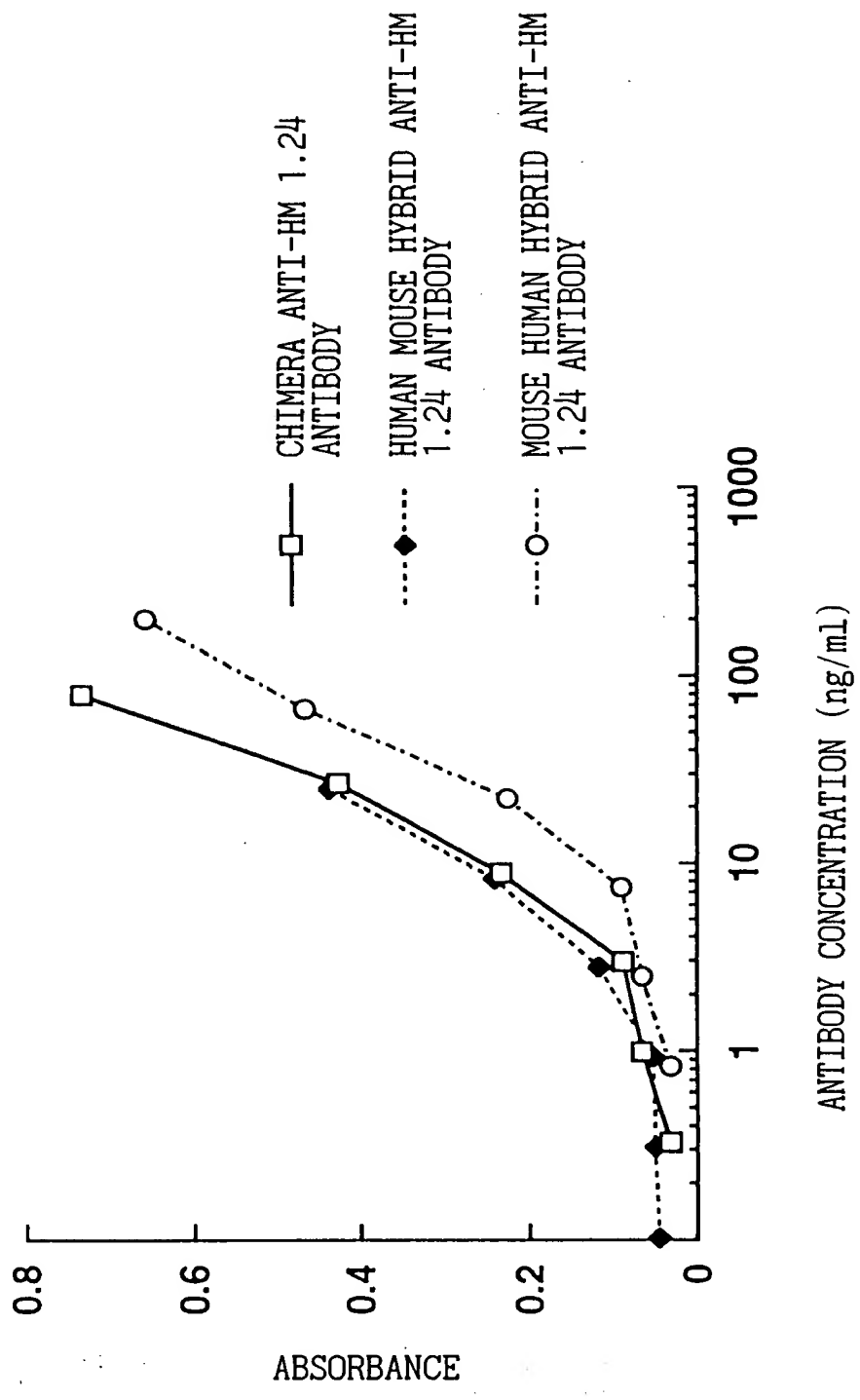


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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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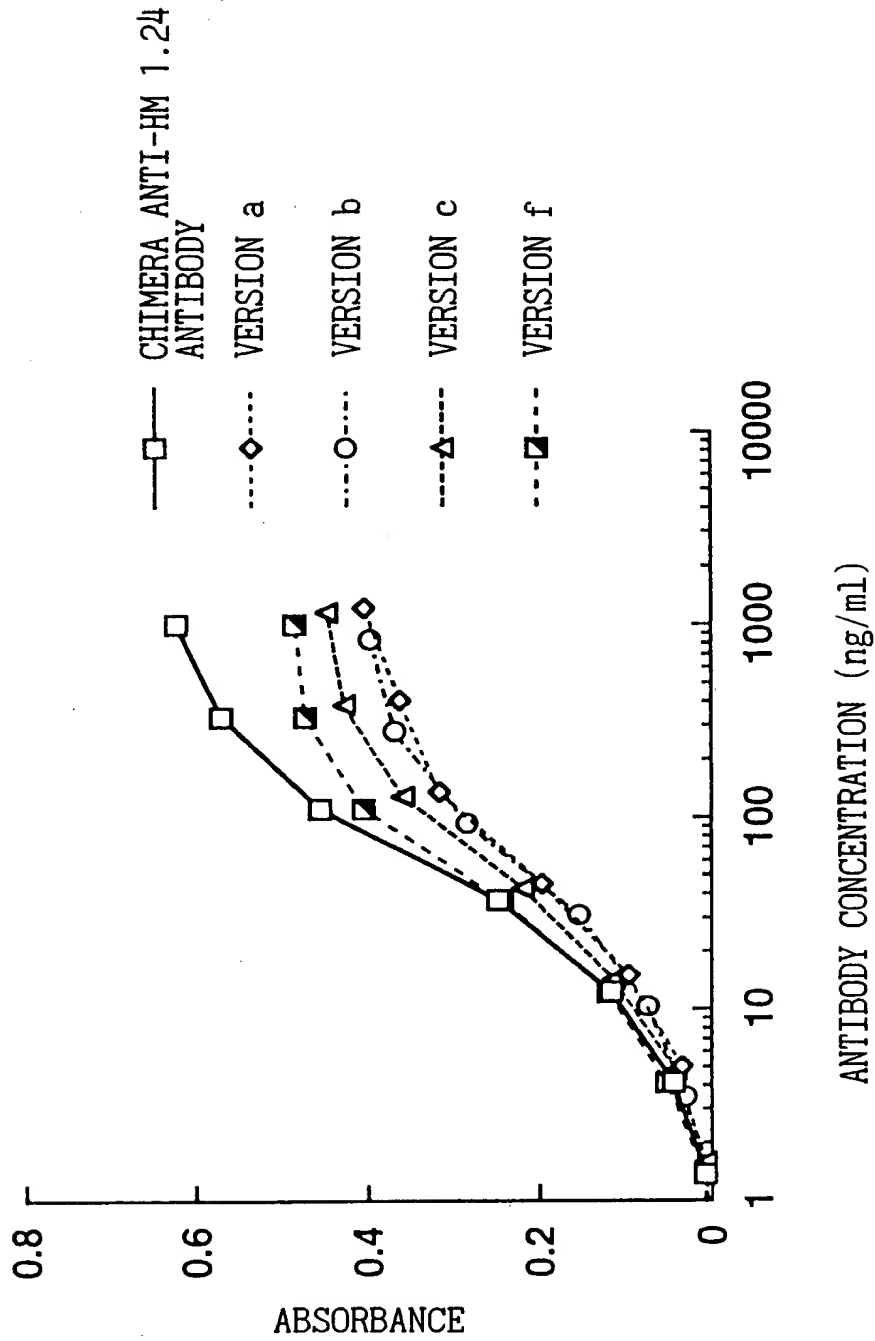
Fig.16



0000 9AM 6 2 0751704 5084 534

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

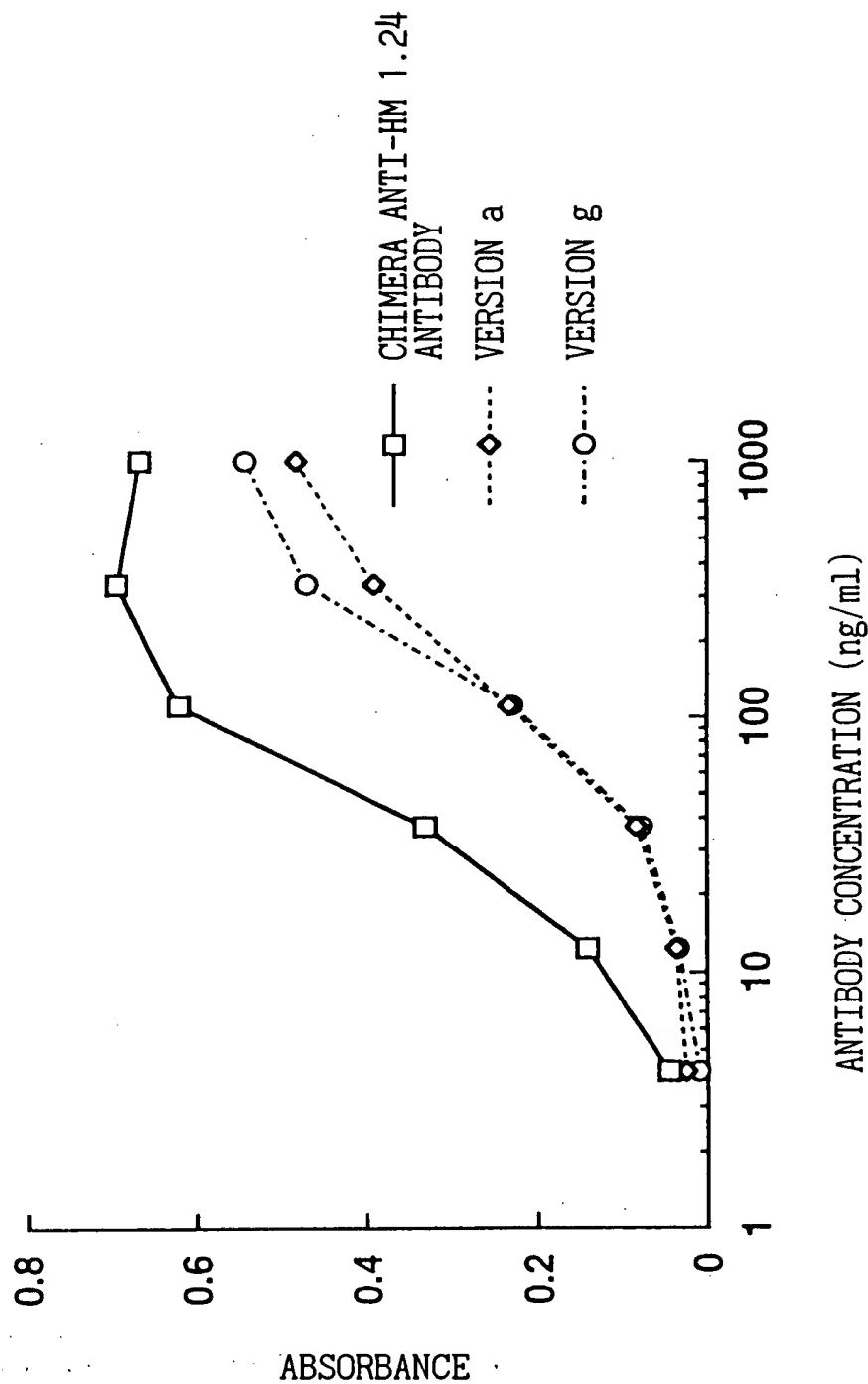
Fig.17



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

0003 0245 00 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 8

Fig. 18

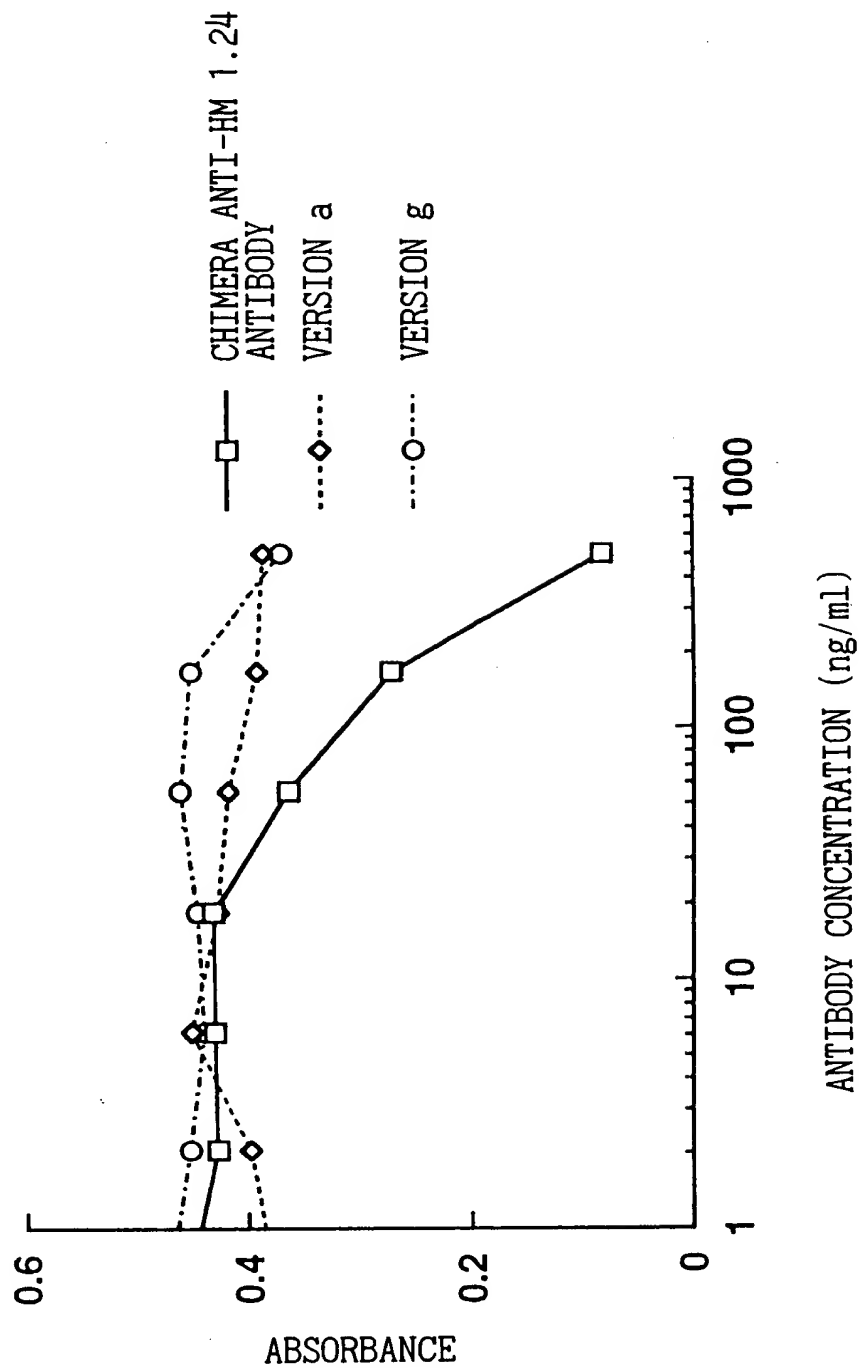


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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

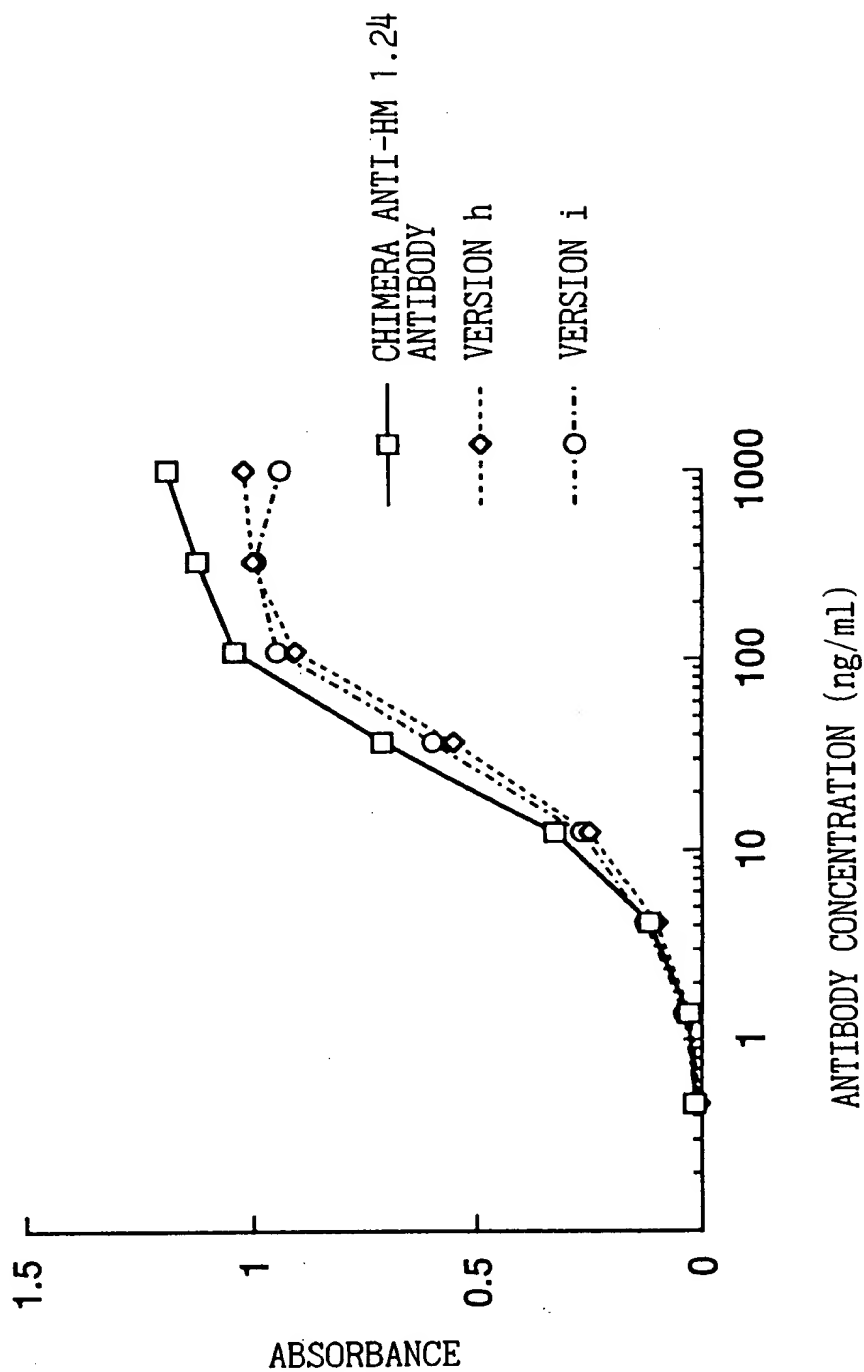
09/509098

Fig.19



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig. 20



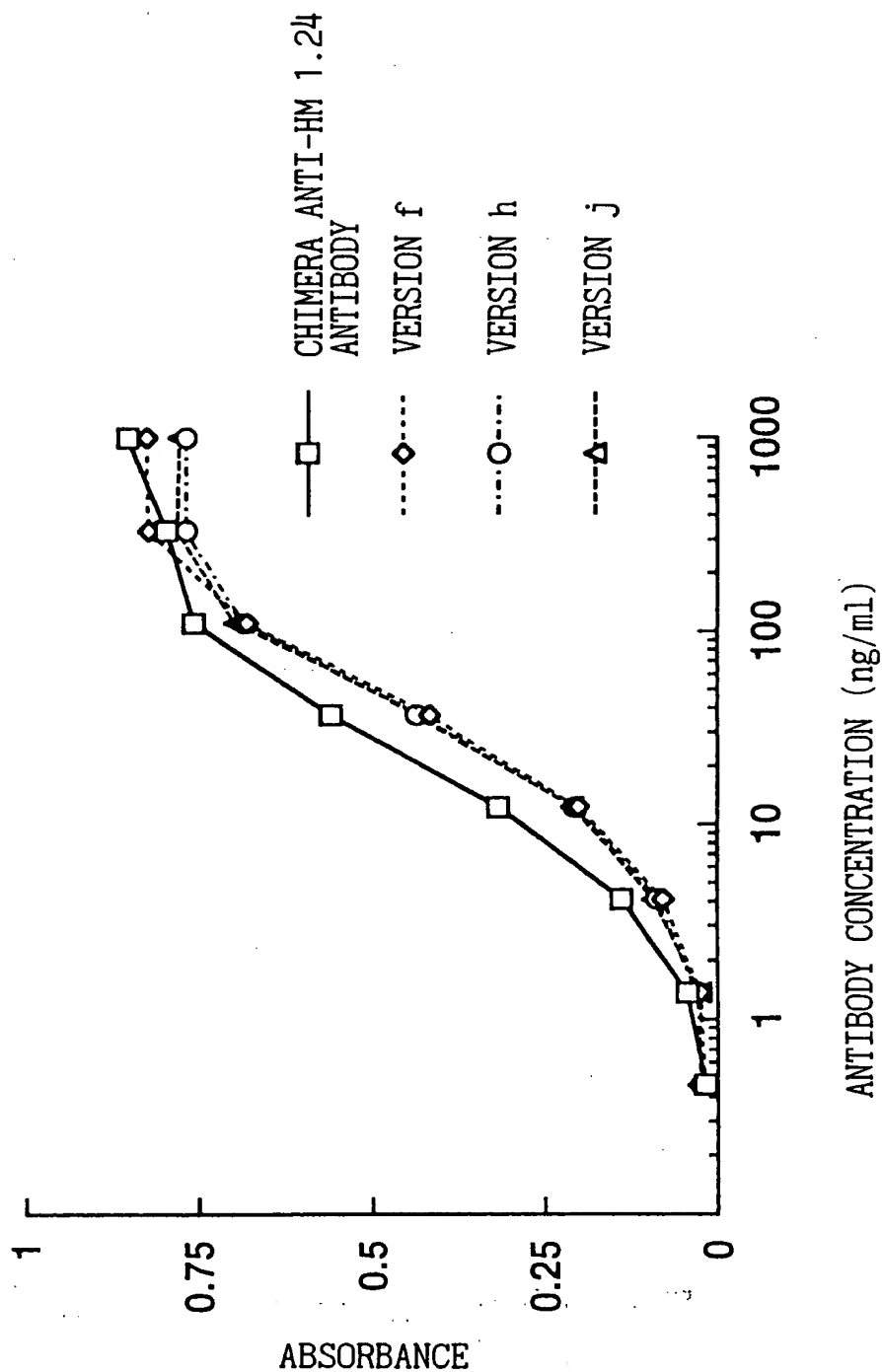
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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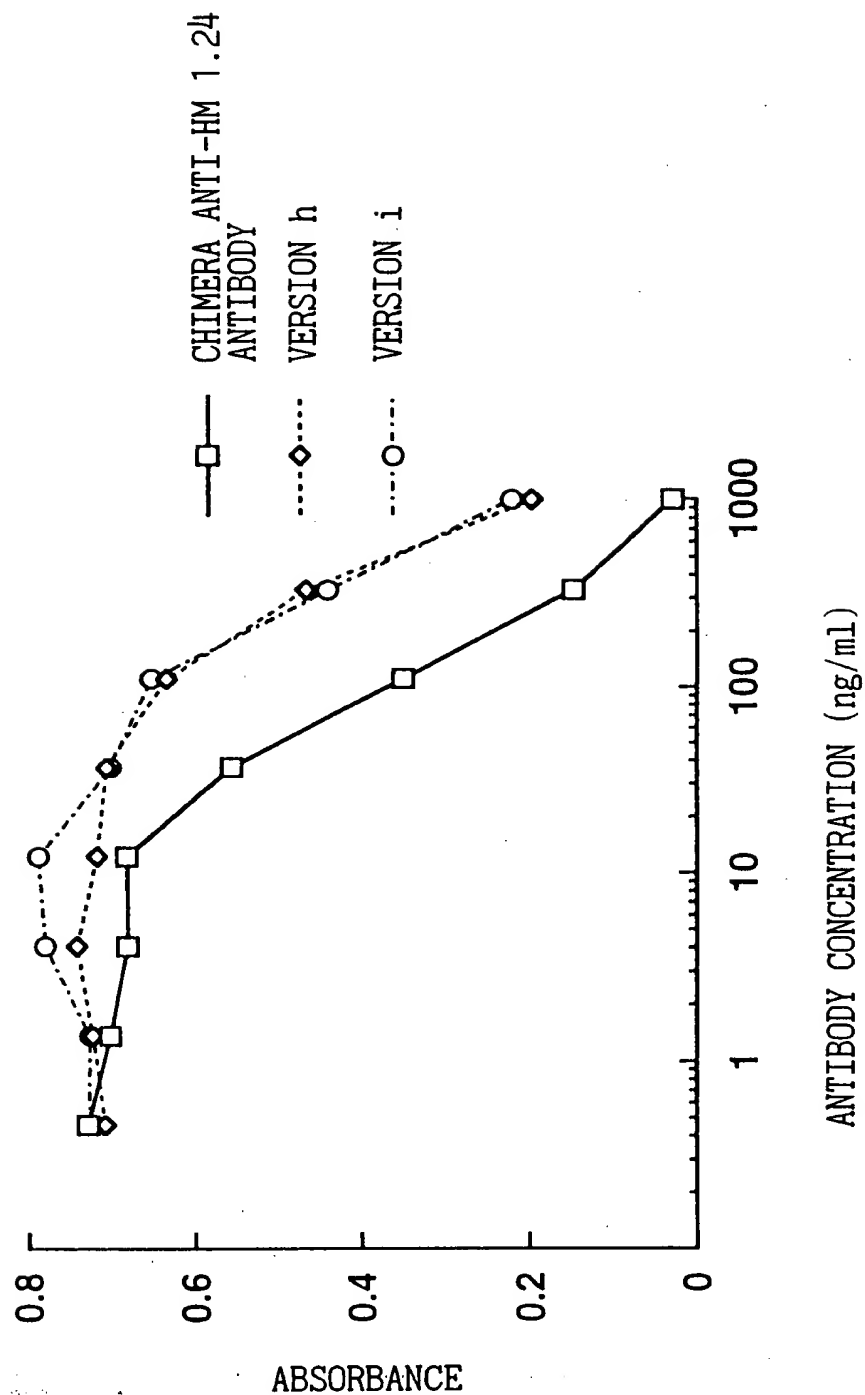
Fig.21



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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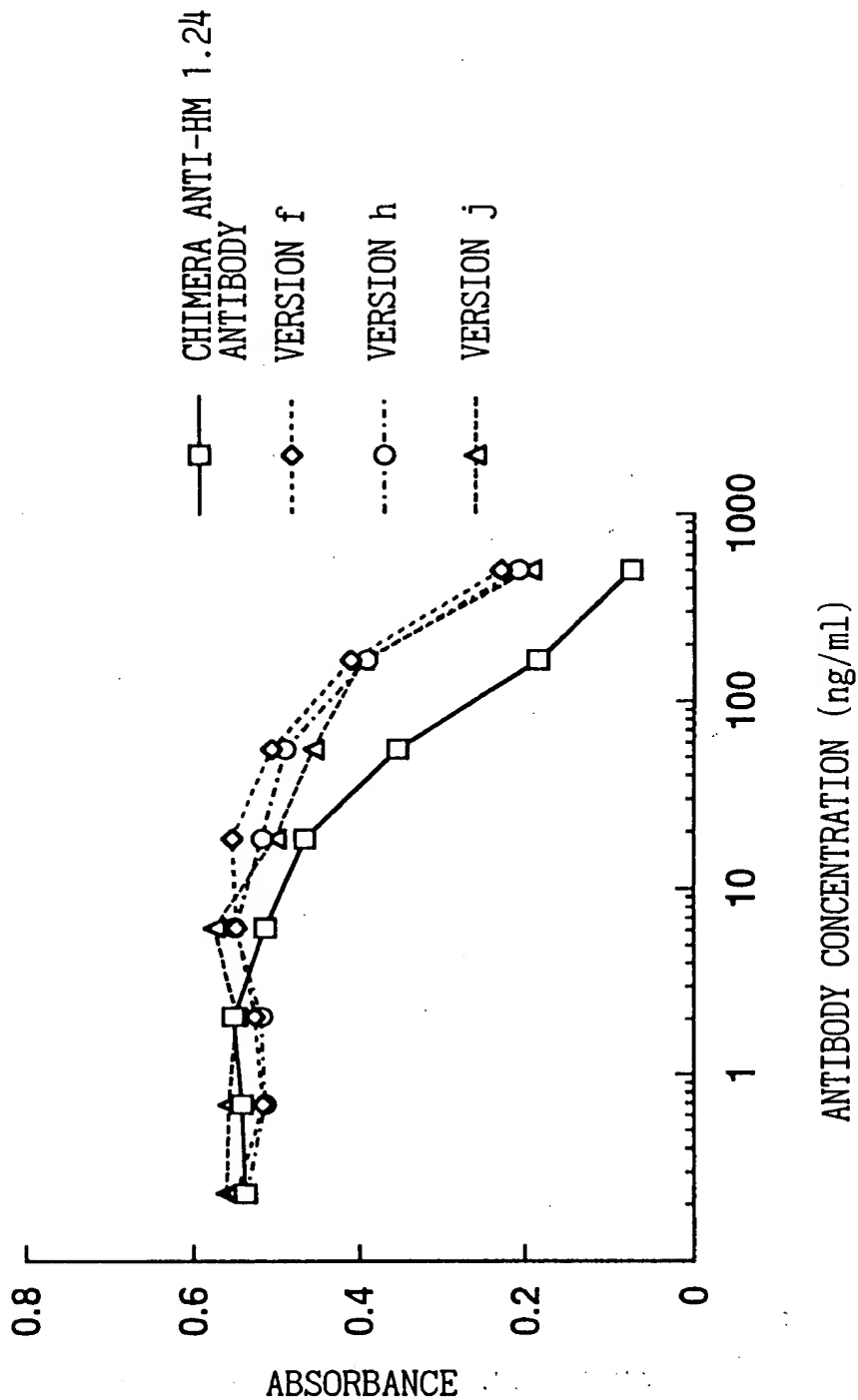
Fig.22



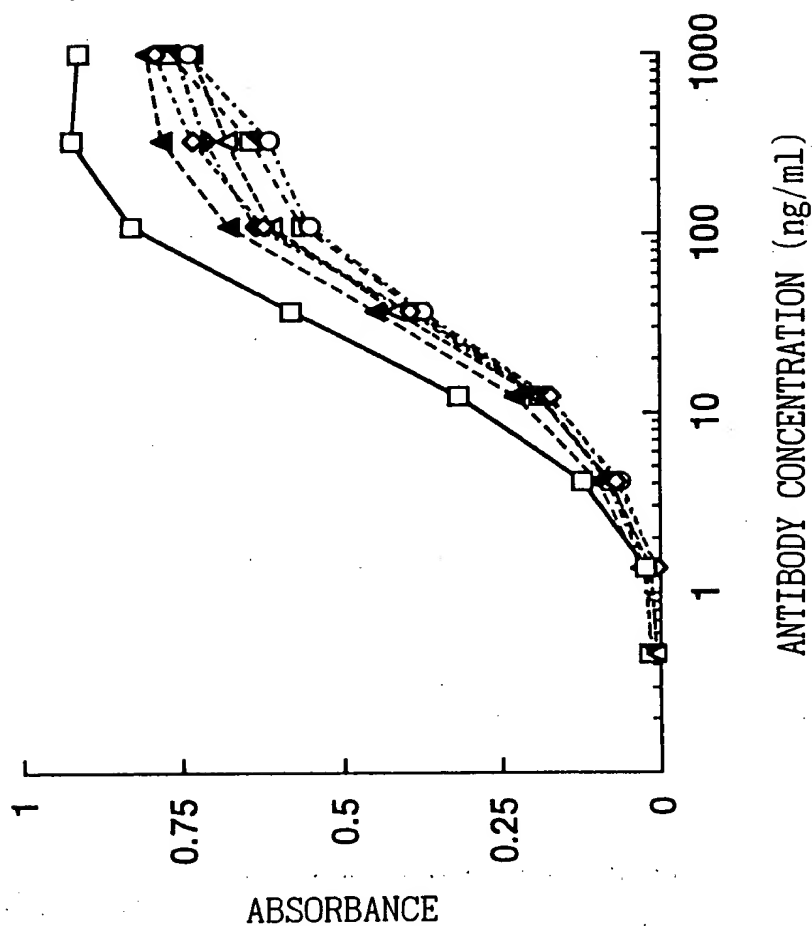
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

0000 MAR 9 1977

Fig.23



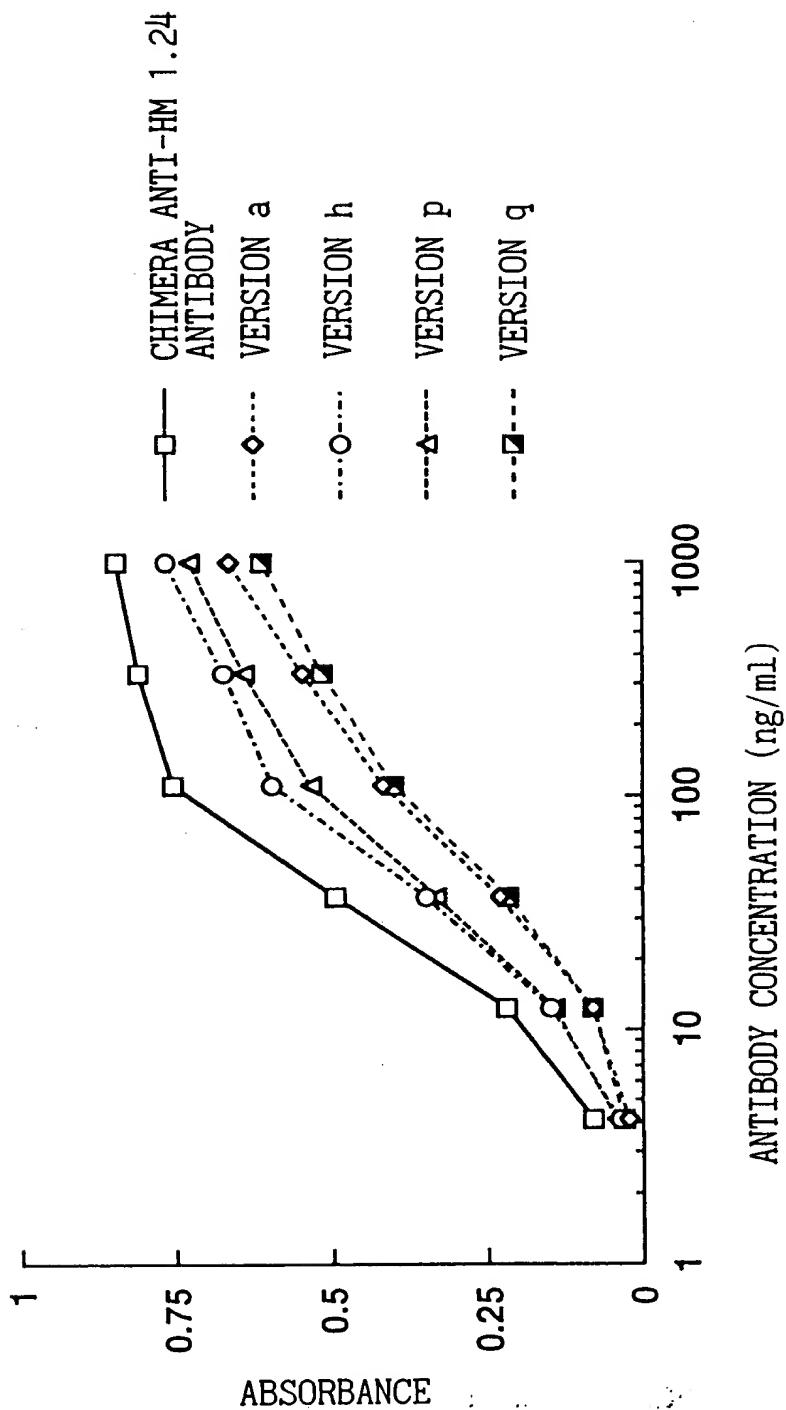
CHIMERA ANTI-HM 1.24
ANTIBODY
VERSION h
VERSION k
VERSION l
VERSION m
VERSION n
VERSION o



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

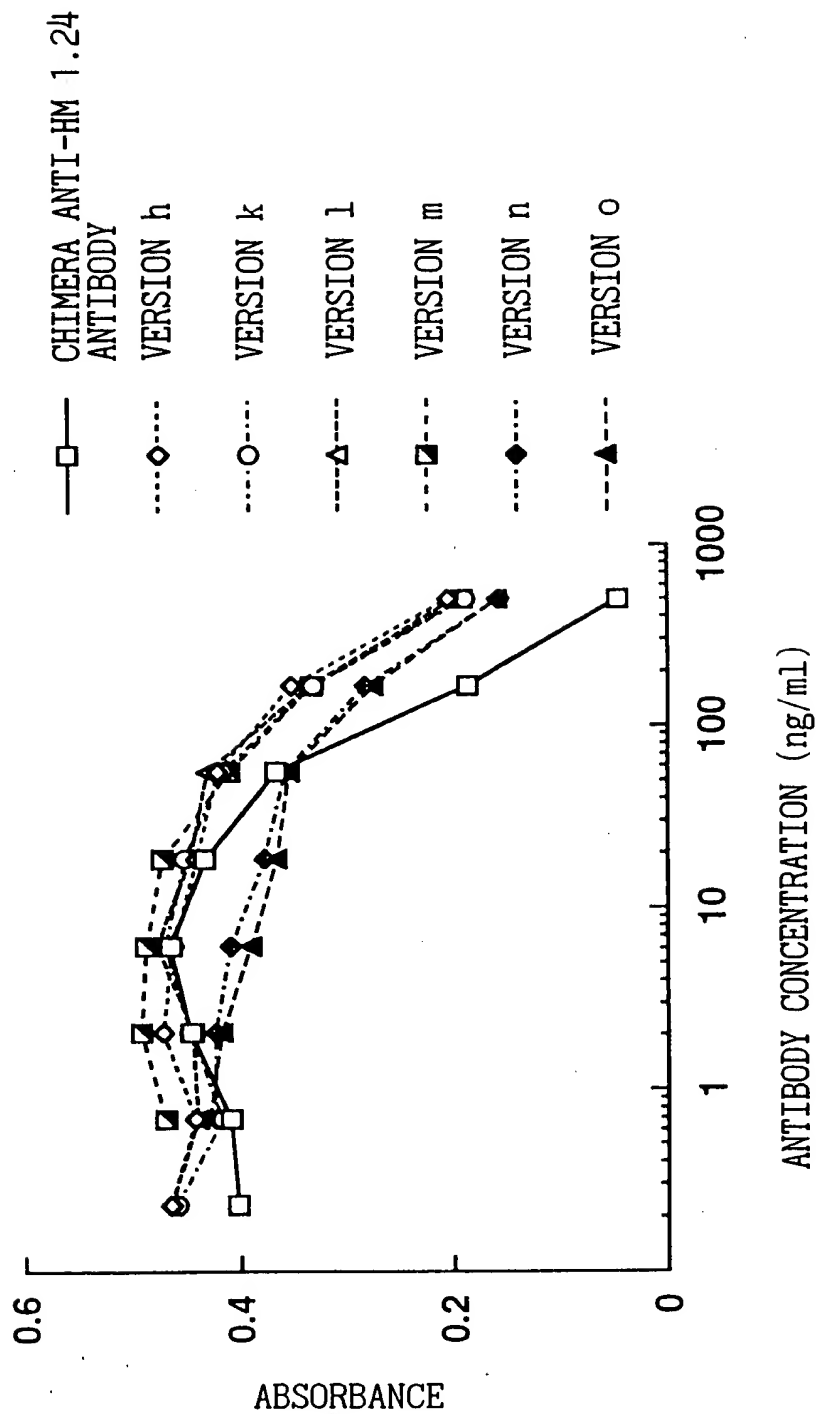
09/509098

Fig.25



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.26



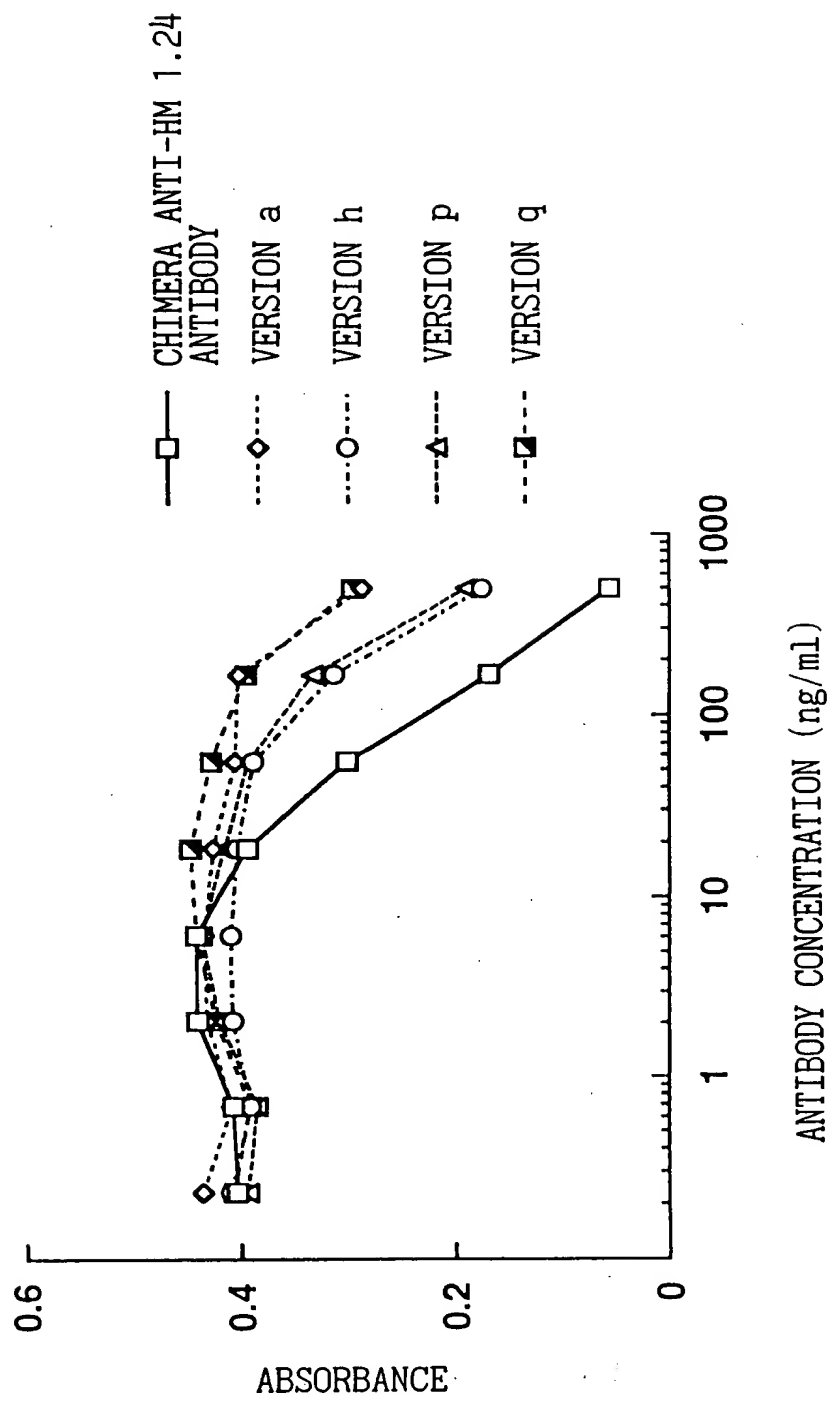
10306 NAM 27 08-004-2001-3

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

002220" 86060560

Fig.27



00000000000000000000000000000000

Fig. 28

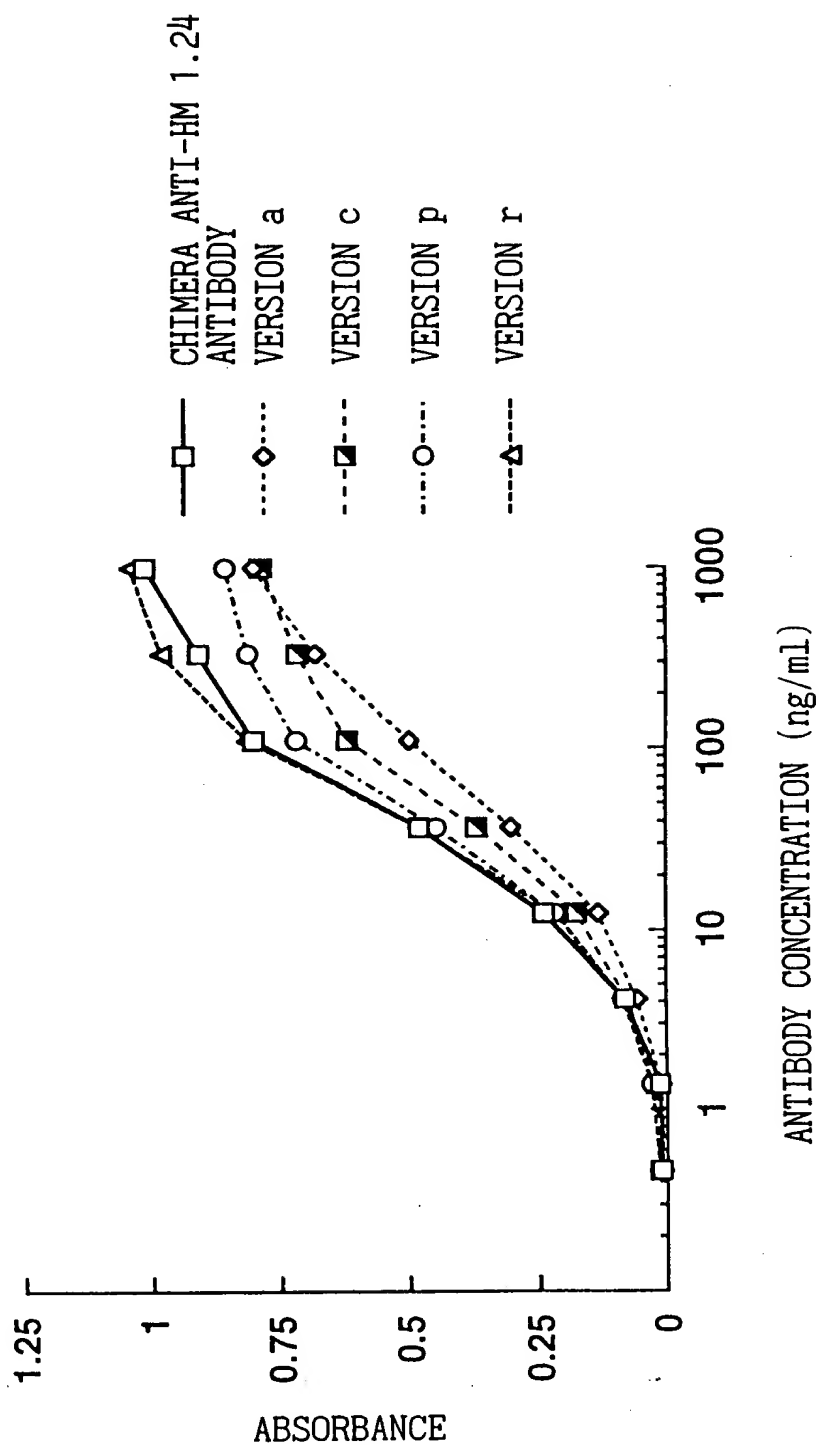
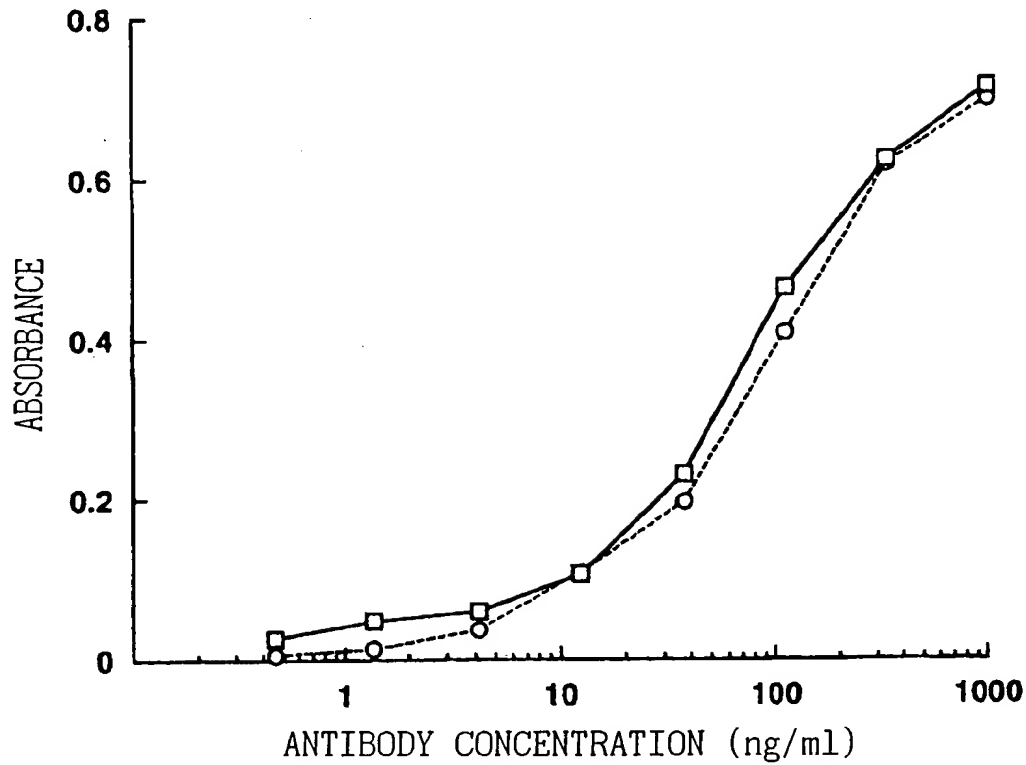


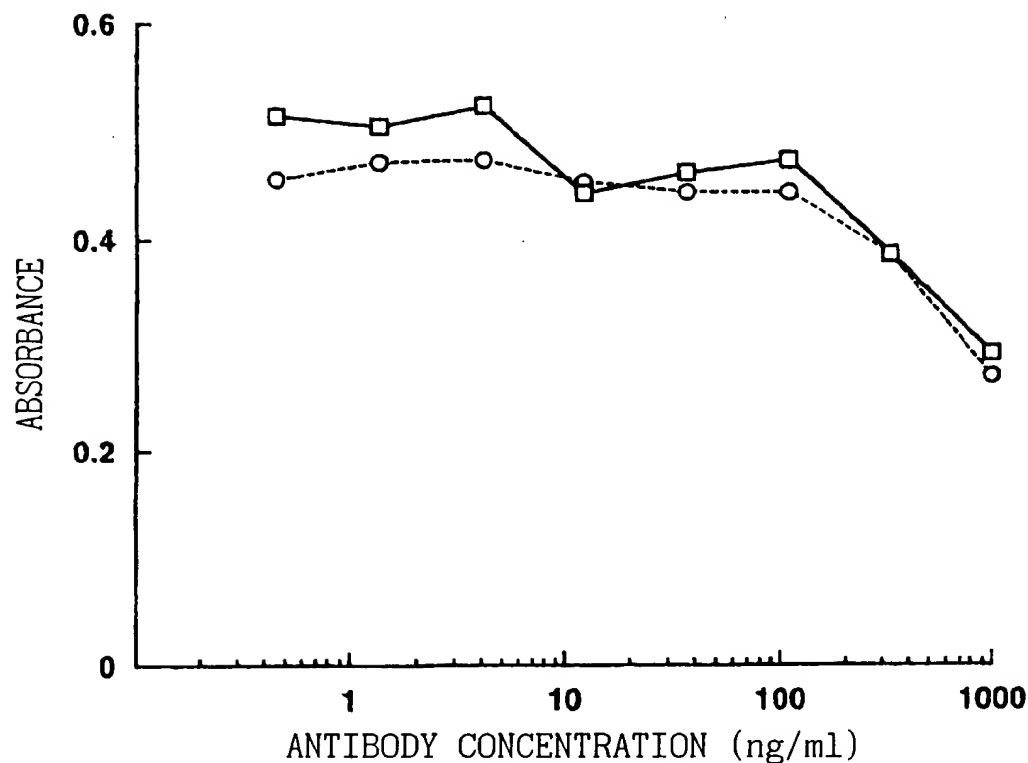
Fig.29



—□— RESHAPED HUMAN
ANTI-HM1.24 ANTIBODY
(PRIMARY DESIGN ANTIBODY)

---○--- NATURAL HUMANIZED ANTIBODY
(SECONDARY DESIGN ANTIBODY)

Fig.30



—□— RESHAPED HUMAN
ANTI-HM1.24 ANTIBODY
(PRIMARY DESIGN ANTIBODY)

---○--- NATURAL HUMANIZED ANTIBODY
(SECONDARY DESIGN ANTIBODY)

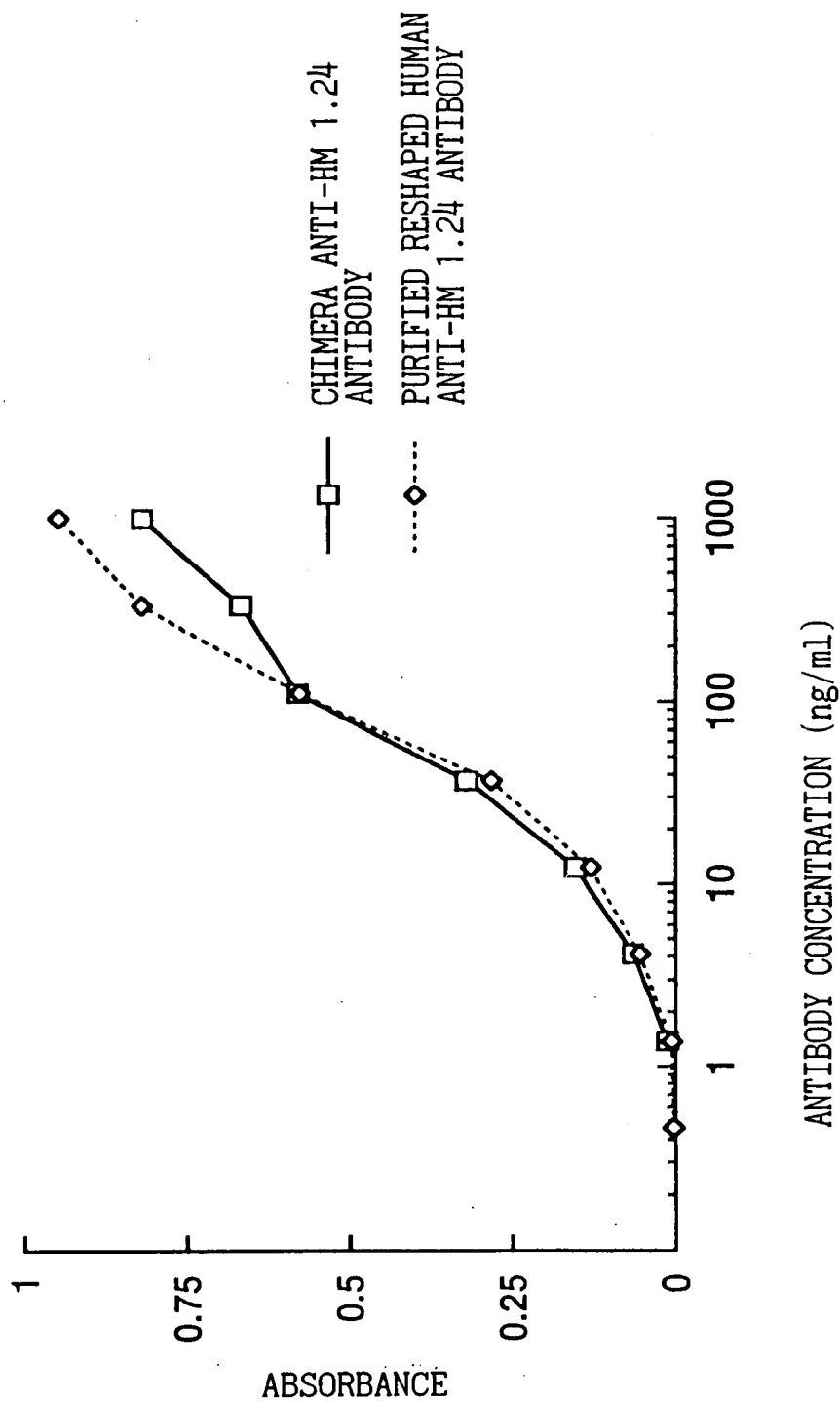
002220" 36060560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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09/509098

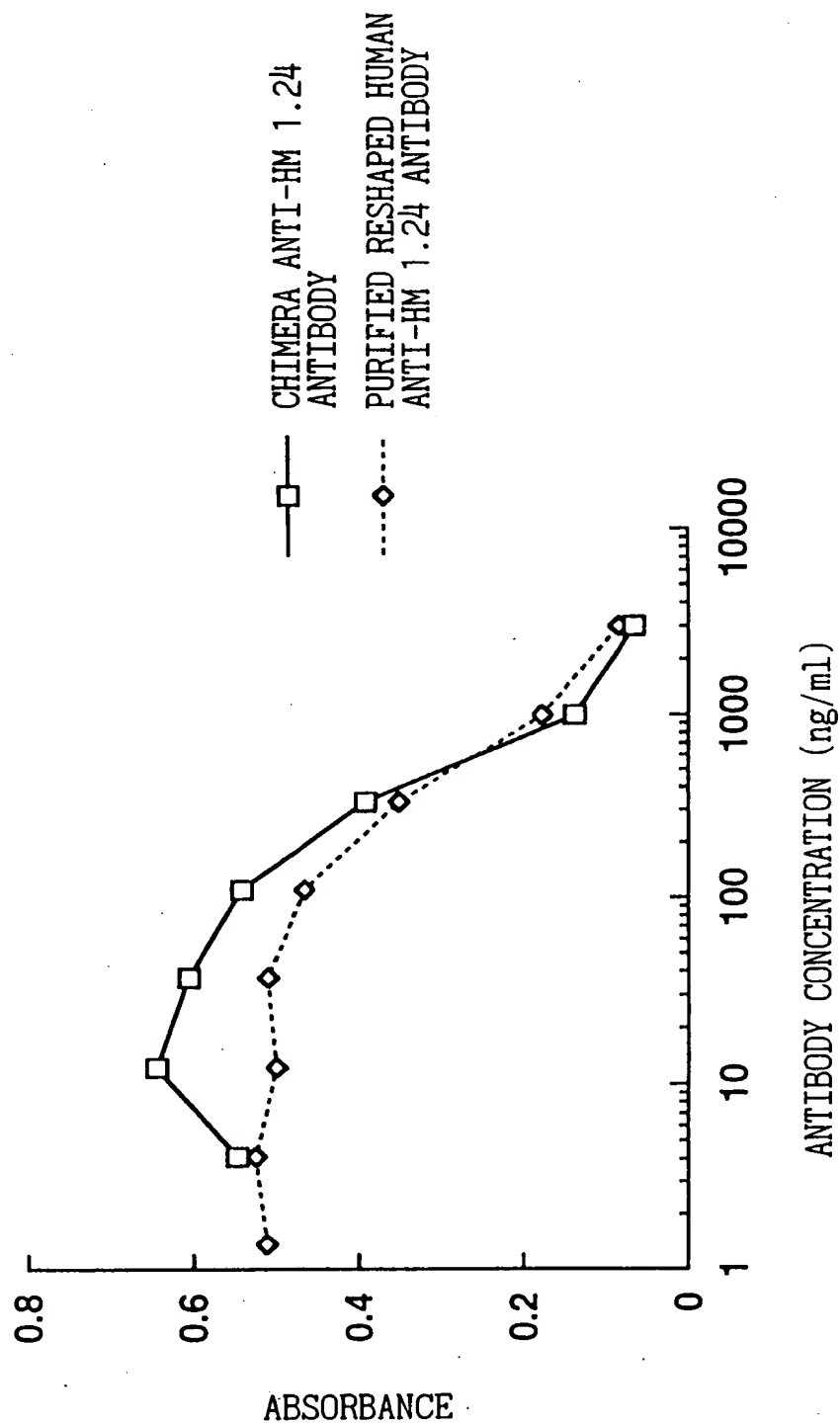
Fig.31



002220" 85060560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fig.32



0005 RAM S S 79109 b009H 85060560

0005 RAM S S 79109 b009H 85060560

09/509098

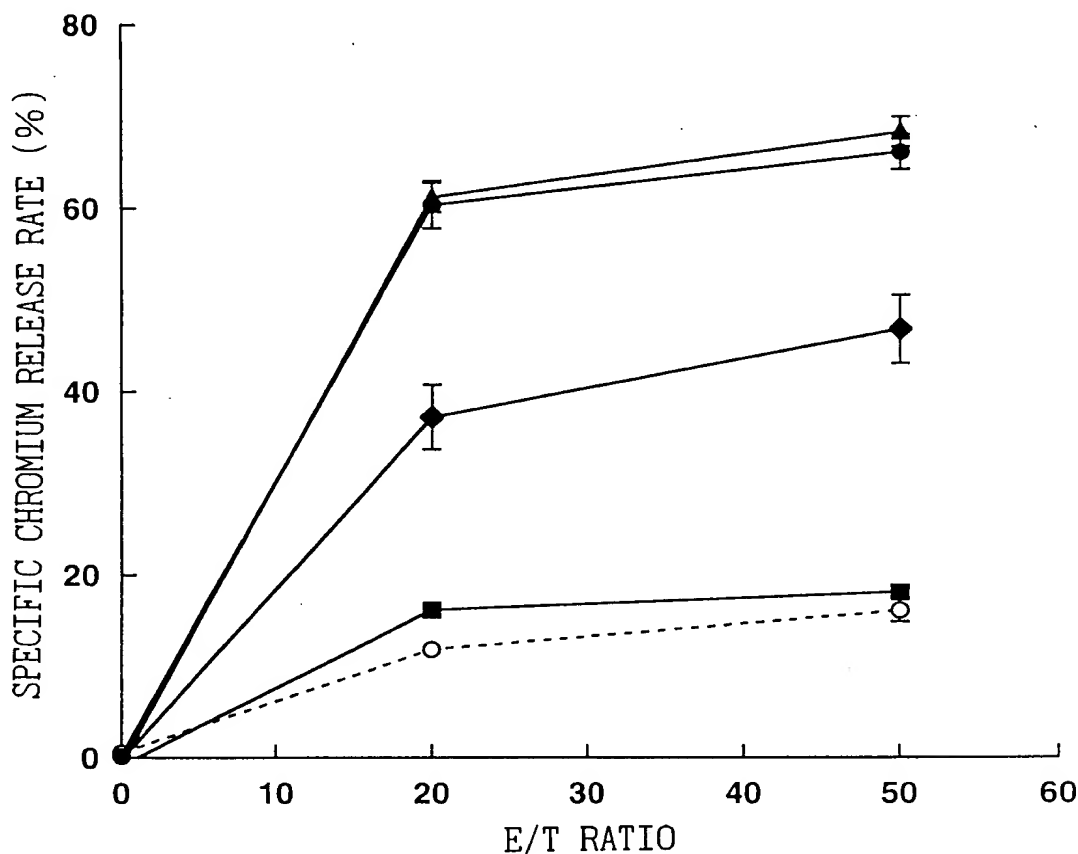
09/509098

00005 RAM 00 079109 1000P 000

Fig.33

APPROVED	BY	DRAFTSMAN
O.G.FIG.	CLASS	SUBCLASS

00220" 86060560



- NATURAL HUMANIZED ANTI-HM1.24 ANTIBODY (SECONDARY DESIGN ANTIBODY) 1 $\mu\text{g/ml}$
- ▲— NATURAL HUMANIZED ANTI-HM1.24 ANTIBODY (SECONDARY DESIGN ANTIBODY) 0.1 $\mu\text{g/ml}$
- ◆— NATURAL HUMANIZED ANTI-HM1.24 ANTIBODY (SECONDARY DESIGN ANTIBODY) 0.01 $\mu\text{g/ml}$
- NATURAL HUMANIZED ANTI-HM1.24 ANTIBODY (SECONDARY DESIGN ANTIBODY) 0.001 $\mu\text{g/ml}$
- NO ANTIBODY ADDITION